

**R09****Code: 9A05502**

B.Tech III Year I Semester (R09) Supplementary Examinations December 2015

**SOFTWARE ENGINEERING**

(Common to CSS, IT and CSE)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) What is the difference between PSP and TSP?  
(b) Discuss about a process frame work.
- 2 What is spiral model? Explain its advantages over concurrent development model.
- 3 Write in detail about dataflow models. Explain with example.
- 4 (a) What is abstraction? Explain different types of abstractions with examples.  
(b) What is software architecture? Give an example.
- 5 (a) Describe the graphical design notation.  
(b) Explain about decision table nomenclature.
- 6 Write short notes on:
  - (a) Unit testing.
  - (b) Regression testing.
  - (c) Smoke testing.
- 7 (a) What are the determinants of software quality?  
(b) Discuss about determinants.
- 8 (a) Discuss about Six Sigma model for software engineering.  
(b) Explain about review meeting.

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